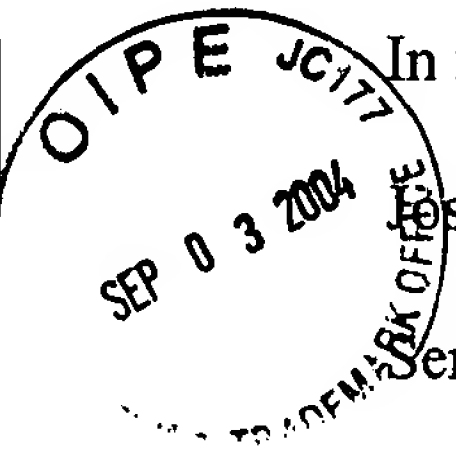


PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of:

Joseph JOY, *et al.*

Serial No.: 09/769,438

Filed: January 26, 2001

)
)
) Group Art No. 2661

)
) Examiner: TBA

)
) Docket No: 003797.86780

For: METHOD AND APPARATUS FOR EMULATING ETHERNET FUNCTIONALITY
OVER A SERIAL BUS

INFORMATION DISCLOSURE STATEMENT

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Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

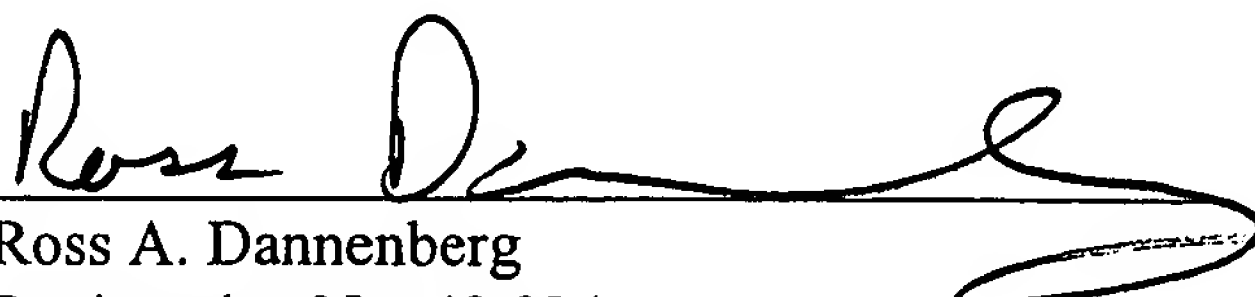
Pursuant to 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §1.97, Applicants submit herewith Form PTO-1449, identifying information for consideration by the Examiner. A copy of the items of information is enclosed.

Applicants do not waive any rights to take appropriate action to establish patentability over the listed documents should they be applied as a reference against the claims of the present application.

Consideration of the cited information and making the same of record in the prosecution of the above-noted application are respectfully requested. Should the Patent and Trademark Office determine that a fee is required, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

By: 
Ross A. Dannenberg
Registration No. 49,024

1001 G Street, N.W.
Washington, D.C. 20001-4597
(202) 508-9100

Dated: March 8, 2002

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

1

of

Complete if Known

Application Number	09/769,438
Filing Date	January 26, 2001
First Named Inventor	Joseph M. Joy
Group Art Unit	2661
Examiner Name	TBA
Attorney Docket Number	003797.86780

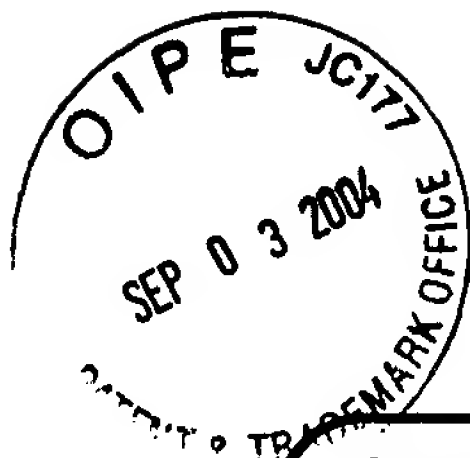
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		D. PLUMMER, "RFC 826: An Ethernet Address Resolution Protocol", http://cie.motor.ru/RFC/Orig/rfc826.txt , November 1982, pp. 1-8.	*
		J. POSTEL, et al., "RFC 1042: A Standard for the Transmission of IP Datagrams over IEE 802 Networks", http://IEC.motor.ru/RFC/Orig/rfc1042.txt , February 1988, pp. 1-14.	*
		International Electrotechnical Commission, "Consumer audio/video equipment- Digital interface- Part 1: General", IEC First edition, February 1998, Reference no. 61883-1, pp. 7-78	*
		International Electrotechnical Commission, "Consumer audio/video equipment- Digital Interface- Part 2: SD-DVCR data transmission", IEC First edition, February 1998, Reference no. 61883-2, pp. 5-15.	*
		International Electrotechnical Commission, "Consumer audio/video equipment- Digital interface- Part 3: HD-DVCR data transmission", IEC First edition, February 1998, Reference no. 61883-3, pp. 5-13.	*
		International Electrotechnical Commission, "Consumer audio/video equipment- Digital interface- Part 4: MPEG2-TS data transmission", IEC First edition, February 1998, Reference no. 61883-4, pp. 5-23.	*
		International Electrotechnical Commission, "Consumer audio/video equipment- Digital interface- Part 5: SDL-DVCR data transmission", IEC First edition, February 1998, Reference no. 61883-5, pp. 5-17	*
		International Electrotechnical Commission, "Consumer Audio/Video Equipment- Digital Interface- Part 6: Audio and music data transmission protocol", IEC Reference no. 61883-6/WD2, November 1999, pp. 1-23	*
		MindShare, Inc., D. ANDERSON, "Fire Wire System Architecture IEEE 1394a Second Edition PC System Architecture Series", December 1998, pp. 13-34.	*
		"P1394.1 Draft Standard for High Performance Serial Bus Bridges", The Institute of Electrical and Electronics Engineers, Inc., February 7, 1999, pp. 9-34.	*
		Microsoft Corporation, "SBP-2 Support and Windows 2000", http://agent.microsoft.com/hwdev/print/sbp2_w2000.htm , March 25, 1999	*
		Microsoft Corporation, "Windows 2000 Driver Development Kit Documentation", www.microsoft.com/hwdev/ddk/DDKdocs/Win2k/202mini_60yv.htm , April 1999	*
		Microsoft Corporation, "Windows 2000 Driver Development Kit Documentation", http://www.microsoft.com/hwdev/ddk/DDKdocs/Win2k/102gen_9eq7.htm , et al., April 1999.	*
		Microsoft Corporation, "Windows 2000 Driver Development Kit Documentation", www.microsoft.com/hwdev/ddk/DDKdocs/Win2K/102gen_9ffr.htm , et al., April 1999	*
		Microsoft Corporation, "NdisSendPackets", http://www.Microsoft.com/ddk/DDKdocs/Win2K/103ndisx_88s2.htm , April 1999	*
		Microsoft Corporation, "NdisCICloseCall", http://www.microsoft.com/hwdev/ddk/DDKdocs/Win2K/103ndisx_7rsi.htm , April 1999	*
		Microsoft Corporation, "Windows 2000 Driver Development Kit Documentation", http://www.microsoft.com/ddk/ddkdocs/win2K/vdd_24px.htm , et al., April 1999	*
		Cisco Systems Inc., "Quality of Service (QoS) Networking", http://www.cisco.com/univercd/cc/td/doc/cisintwk/ito_doc/qos.htm , June 1999	*
		Unibrain S.A., "Unibrain FireAPI™ Documentation 1394 Class Driver, Kernel Mode Interface", July 1999, pp. 1-193.	*



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PTO/SB/08B(10-01)
Approved for use through 10/31/2002. OMB 0651-0031
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Application Number

09/769,438

Filing Date

January 26, 2001

First Named Inventor

Joseph M. Joy

Group Art Unit

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Examiner Name

TBA

Attorney Docket Number

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Microsoft Corporation, "Quality of Service Technical White Paper", 1999	*
		IETF, T. SAITO, et al., "'IP over iso1394' and 'AV over iso1394' controlled by an extension of MCAP", http://search.ietf.org/internet-drafts/draft-ietf-ip1394-ip-over-iso1394-00.txt , pp. 1-11, September 1999	*
		Microsoft Corporation, "A Short Overview of QoS Mechanisms and Their Interoperation", 1999, pp. 1-7	*
		Congruent Software, Inc., P. JOHANSSON, "RFC 2734: Ipv4 over IEEE 1394", December 1999,	*
		D. STEINBERG, et al., "An Empirical Analysis of the IEEE-1394 Serial bus Protocol", IEEE January 2000, pp. 58-64.	*
		Unibrain S.A., "Unibrain FireAPI™ Documentation, 1394 Class Driver, User Mode Interface", April 4, 2000, pp. 1-281	*
		Unibrain S.A., "The IEEE-1394 Development Toolkit for Windows NT 4.0/98/98SE", http://www.unibrain.com/products/ieee-1394/fireapi.htm , April 14, 2000	*

Examiner
Signature

Date
Considered

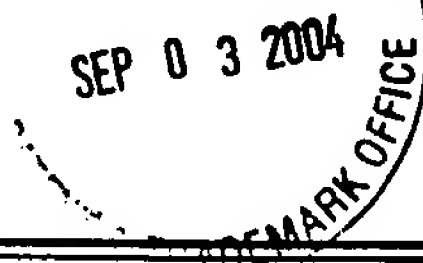
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1
 Stylesheet Version v1.1.1



Title of Invention

Method and Apparatus for Emulating Ethernet Functionality Over a Serial Bus

Submission Type: Information Disclosure Statement

Application Number: 09/769438

09/769438

EFS ID: 61408

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	3778
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.

First Named Applicant: Joseph Joy

Attorney Docket Number: 003797.86780

Timestamp: 2004-05-24 17:05:20 EDT

From: us

File Listing:

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package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
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Message Digest: 41e3ebfc139633b7b2b69d78b11f8897e33669a7

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

Method and Apparatus for Emulating Ethernet Functionality Over a Serial Bus

Application Number: 09/769438

09/769438

Confirmation Number: 3778

First Named Applicant: Joseph Joy

Attorney Docket Number: 003797.86780

Art Unit: 2661

Examiner: V Nguyen

Search string: (6658512 or 20030217220).pn.

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Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6658512	2003-12-02	Gokulrangan	B1		

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20030217220	2003-11-20	Lee et al.	A1		

Remarks

Note: Remarks are not for responding to an office action.

In accordance with Applicants' duty of disclosure, the following information is submitted for consideration by the United States Patent and Trademark Office in connection with the above-captioned application.

The information is identified on the attached PTO 1449 form. Applicant does not waive any right to take appropriate action to establish patentability over the listed documents should they be applied as references against the claims of the present application. It is respectfully requested that the Examiner fully consider each of the documents, initial the enclosed Form PTO-1449 in the appropriate place to indicate that the document has been considered, and return a copy of the initialed form to the undersigned in accordance with MPEP Section 609. The undersigned certifies under 37 CFR 1.97(e)(2) that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. The references contained in this information disclosure statement were cited by the Examiner in a related application. Applicants believe that no fee is necessary pursuant to 37 CFR 1.97(b). However, if a fee is due, the Office is authorized to charge Deposit Account No. 19-0733.

Signature

Examiner Name	Date

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